

ABSTRACT

For:

American Society of Tropical Medicine and Hygiene

58th Annual Meeting

November 21-25, 2009

Washington, DC

Symposium Title:

Predicting and Mitigating Outbreaks of Vector-borne Disease Utilizing Satellite Remote Sensing Technology and Models

Topic:

An update of NASA Public health applications Projects using Remote Sensing Data

Satellite earth observations present a unique vantage point of the earth's environment from space which offers a wealth of health applications for the imaginative investigator. The session will present research results of the remote sensing environmental observations of earth and health applications. This session will an overview of many of the NASA public health applications using Remote Sensing Data and will also discuss opportunities to become a research collaborator with NASA.

| Order | Control Number | Presentation Start | Title | Author Block |
|-------|---------------------------------|--------------------------|---|--|
| 1 | 09-SO-462-ASTMH | | Symposium Organizer | Sue M. Estes <i>NASA/USRA, Huntsville, AL, United States</i> |
| 2 | 09-CC-464-ASTMH | | Co-Chair | Sue M. Estes <i>NASA/USRA, Huntsville, AL, United States</i> |
| 3 | 09-S-471-ASTMH | 11/21/2009 1:30:00 PM | An update of NASA Public health applications Projects using Remote Sensing Data | Sue M. Estes <i>NASA/USRA, Huntsville, AL, United States</i> |
| 4 | 09-S-468-ASTMH | 11/21/2009 1:55:00 PM | Roles of remote sensing and GIS in avian and pandemic influenza surveillance and risk prediction | Richard Kiang <i>NASA, Greenbelt, MD, United States</i> |
| 5 | 09-S-472-ASTMH | 11/21/2009 2:20:00 PM | Enhancing Malaria Early Warning Systems (MEWS) with earth observation and modeling results | Stephen Connor <i>International Research Institute for Climate & Society (IRI), New York, NY, United States</i> |
| 6 | 09-S-819-ASTMH | 11/21/2009 2:45:00 PM | Mosquitoborne Encephalitis Virus Integration using Remote Sensing for Intervention Decision Support Systems | William K. Reisen <i>Unviersity of California - Davis, Davis, CA, United States</i> |